

Figure 1

ATGACCTCACTGCCCTGGAACCACTGGGGACCCGATTGTTTCTGGC
CGTCGCCAGCCGGCTCACTCCAGCCAACCAGAGTGCAGAGGCTTCAGAGAG
CAATGTGTCTGCGACGGTCCCAGAGCTGCAGCAGTCACGCCGTTCCAGAGC
CTGCAACTAGTGCACCAGCTGAAGGGACTGATCGTATGCTGTACAGCATCG
TGGTGGTCGTGGTCTGGTGGCAACTGCCTTCTGTGCTGGTGATCGCGCG
CGTGCGCCGGCTGCACAACGTGACCAACTTCCTCATCGCAACCTGGCCTTG
TCCGATGTGCTCATGTGTGCCCTGTGCTGCCTCTCACGCTGGCCTACGCCT
TTGAACCTCGTGGCTGGGTGTTCGGTGGAGGCCTGTGCCACCTTGTGTTCTT
CCTGCAGCCGGTCACCGTCTACGTATCGGTGTTCACACTCACCAATCGCT
GTGGACCGCTATGTGGTTCTGGTGCACCCGCTACGTGGCGCATTCACTGA
AGCTCAGCGCCTACGCTGTGCTGGGCATCTGGGCTCTATCTGAGTGCTGGC
GCTGCCGGCCGGTGCACACCTACCATGTAGAGCTCAAGCCCCACGACGTG
CGCCTCTCGAGGAGTTCTGGGTTCGCAGGAGCGCCAGCGACAGATCTATG
CCTGGGGGCTGCTGCTGGCACCTATTGCTCCCCCTGCTGGCCATTCTCCT
GTCTTACGTCCGGTGTGGTGAAGTTGCGGAACCGCGTGGTGCCTGGCAGC
GTGACCCAGAGCCAGGCTGACTGGGACCGAGCGCGTCCGCGTGCACTTCT
GCCTGCTGGTGGTGGTGGTGGTGCCTGCTGCCACTGGCTTGCCTGAGCTCCGCCTGCT
CATTTCAACCTGCTGCCGGACCTGGACCCGCGTGCACATCGACCCCTACGCC
TTCGGGCTGGTGCAGCTCCTCTGCCACTGGCTTGCCTGAGCTCCGCCTGCT
ACAACCCCTTCATCTATGCGTGGCTGCACGACAGCTCCGAGAGGAGCTACG
CAAGATGCTTCTGTCTGGCCCCGCAAGATCGTGCCTCATGGCCAGAATATG
ACCGTCAGTGTGGTCATCTGA (SEQ ID NO:1)

Figure 2

ATAACCTCACTGCCCTGGAACCACGGGACCCGATTGTTCTGGC
CGTCGCCAGCCGGCTCCACTCCAGCCAACCAGAGTGCAGAGGCTTCAGAGAG
CAATGTGTCTGCACGGTCTCCAGAGCTGCAGCAGTCACGCCGTTCCAGAGC
CTGCAACTAGTGCACCAGCTGAAGGGACTGATCGTATGCTGTACAGCATCG
TGGTGGTCGTGGTCTGGTGGCAACTGCCTCTTGCTGGTATCGCG
CGTGCGCCGGCTGCACAACGTGACCAACTTCCTCATCGGCAACCTGGCCTTG
TCCGATGTGCTCATGTGTGCCGCTGTGCTGCCTCTCACGCTGGCCTACGCCT
TTGAACCTCGTGGCTGGGTGTTCGGTGGAGGCCTGTGCCACCTGTTCTT
CCTGCAGCCGGTACCGTCTACGTATCGGTGTTCACACTCACCACAATCGCT
GTGGACCGCTATGTGGTTCTGGTGCACCCGCTACGTCGGCGCATTCACTGA
AGCTCAGCGCCTACGCTGTGCTGGCATCTGGCTCTATCTGCACTGCTGGC
GCTGCCGGCGCGGTGCACACCTACCATGTAGAGCTCAAGCCCCACGACGTG
CGCCTCTCGAGGAGTTCTGGGTTCGCAGGAGCGCCAGCGACAGATCTATG
CCTGGGGCTGCTGCTGGCACCTATTGCTCCCCCTGCTGCCATTCTCCT
GTCTTACGTCCGGGTGTCGGTAAGTTGCGGAACCGCGTGGTGCCTGGCAGC
GTGACCCAGAGCCAGGCTGACTGGGACCGAGCGCGTCGCCGTCGCACTTCT
GCCGCTGGTGGTGGTGGTGGTCGTGTTCGCGGTCTGCTGGCTGCCTCTGCA
CATTTCAACCTGCTGGGACCTGGACCCCGCGTGCCTGCCATCGACCCCTACGCC
TTCGGGCTGGTGCAGCTCCTCTGCCACTGGCTGCCATGAGCTCCGCCCTGCT
ACAACCCCTCATCTATGCGTGGCTGCACGACAGCTCCGAGAGGGAGCTACG
CAAGATGCTTCTGTCTGGCCCCGCAAGATCGTGCCTCATGCCAGAATATG
ACCGTCAGTGTGGTCATCTGA (SEQ ID NO:2)

Figure 3

ATGGCCTCATCGACCACTCGGGGCCAGGGTTCTGACTTATTCTGGC
TGCCGCCGGCGGTACAACCTCCCACCAACCAGAGCGCAGAGGCCTCGCGGG
CAACGGGTCGGTGGCTGGCGGGACGCTCCAGCCGTACGCCCTCCAGAGC
CTGCAGCTGGTCATCAGCTGAAGGGCTGATCGTGCTCTACAGCGTCG
(SEQ ID NO:3)

Figure 4

ATGGCCTCATCGACCACTCGGGGCCAGGGTTCTGACTTATTCTGGC
TGCCGCCGGCGGTACAACCTCCCACCAACCAGAGCGCAGAGGCCTCGCGGG
CAACGGGTCGGTGGCTGGCGGGACGCTCCAGCCGTACGCCCTCCAGAGC
CTGCAGCTGGTCATCAGCTGAAGGGCTGATCGTGCTCTACAGCGTCG
TGGTGGTCGTGGGCTGGTGGCAACTGCCTGCTGGTGTGGTATCGCGCG
GGTGCGCCGGCTGCACAACGTGACGAACCTCCATCGCAACCTGGCCTTG
TCCGACGTGCTCATGTGACCGCCTGCGTGCCGCTCACGCTGGCTATGCCT
TCGAGCCACGCCGGCTGGGTGTTGCCGGGGCTGTGCCACCTGGTCTTCTT
CCTGCAGCCGGTACCGTCTATGTGTCGGTGTTCACGCTCACCACTCGCA
GTGGACCGCTACGTCGTGCTGGTGCACCGCTGAGGCGCGCATCTCGCTGC
GCCTCAGGCCCTACCGCTGTGCTGGCCATCTGGCGCTGTCCGCCGGTGTGGC
GCTGCCCGCCGGTGCACACCTATCAGTGGAGCTCAAGCCGACGACGTG
CGCCTCTGCGAGGAGTTCTGGGCTCCAGGAGCGCCAGGCCAGCTACG
CCTGGGGCTGCTGGTACCTACCTGCTCCCTCTGCTGGTCACTCCTCCT
GTCTTACGTCCGGGTGTCAGTGAAGCTCCGCAACCGCGTGGTGCCTGGCTGC
GTGACCCAGAGCCAGGCCGACTGGGACCGCGCTGGCGCCGGCGCACCTTCT
GCTGCTGGTGGTGGTGTGGTGTTCGCCGTCTGCTGGCTGCCGTGCA
CGTCTTCAACCTGCTGCCGGACCTCGACCCCCACGCCATCGACCCCTACGCC
TTTGGGCTGGTGCAGCTGCTTGCCACTGGCTGCCATGAGTTGCCGTGCT
ACAACCCCTTCATCTACGCCCTGGCTGCACGACAGCTCCGCCAGGAGCTGCG
CAAACGTGGTGCCTGGCCCGCAAGATAAGCCCCCATGCCAGAATATG
ACCGTCAGCGTGGTCATC (SEQ ID NO:4)

Figure 5

ATGCTCTACAGCGTCGTGGTGGTCGTGGGGCTGGTGGGCAACTGCCTGCTGG
TGCTGGTGATCGCGGGTGCAGCCGGCTGCACAACGTGACGAACCTCCTCAT
CGGCAACCTGGCCTGTCCGACGTGCTCATGTGCACCGCCTGCCTGCCGCTC
ACGCTGGCCTATGCCTTCGAGCCACGCCGGCTGGGTGTTCGGCCGGCGCTGT
GCCACCTGGTCTTCCTGCAGCCGGTACCGTCTATGTGTCGGTGTTCAC
GCTCACCAACCATCGCAGTGGACCGCTACGTGCTGGTCACCCGCTGAGG
CGGCGCATCTCGCTGCCTCAGCGCCTACGCTGTGCTGGCCATCTGGCGC
TGTCCCGGGTGCCTGGCGCTGCCGCCGGTGCACACCTATCAGTGGAGCT
CAAGCCGACGACGTGCGCCTCTGCGAGGAGTTCTGGGGCTCCCAGGAGCGC
CAGGCCAGCTTACGCCCTGGGGCTGCTGGTCACCTACCTGCTCCCTC
TGCTGGTCATCCTCTGTCTTACGTCGGGTGTCAGTGAAGCTCCGAAACCG
CGTGGTGCCGGCTGCGTGAACCAGAGCCAGGCCACTGGGACCGCGCTCGG
CGCCGGCGCACCTCTGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
GCTGGCTGCCGCTGCACGTCTCAACCTGCTGCCGGACCTCGACCCCCACGC
CATCGACCCCTACGCCCTTGGGCTGGTGCAGCTGCTCTGCCACTGGCTGCC
ATGAGTTCCGGCCTGCTACAACCCCTTCATCTACGCCCTGGCTGCACGACAGCT
TCCCGAGGAGCTGCGCAAACGTGTTGGTCGCTGGCCCCGCAAGATAGCCCC
CCATGGCCAGAATATGACCGTCAGCGTGGTCATCTGA (SEQ ID NO:5)

Figure 6

MTSLPPGTTGDPDLFSGPSPAGSTPANQSAEASESNVSATVPRAAVTPFQS
LQLVHQLKGLIVMLYSIVVVVGLVGNCLLVLVIARVRLHNVTNFLIGNLAL
SDVLMCAACVPLTLAYAFEPRGWVFGGLCHLVFFLQPVTYVSVFTLTTIA
VDRYVVLVHPLRRRISLKSAYAVLGIALSAVLALPAAVHTYHVELKPHDV
RLCEEFWGSQERQRQIYAWGLLLGTYLLPLLAILLSYVRVSVKLRNRVPGS
VTQSQADWDRARRRTFCLLVVVVVFALCWPLHIFNLLRDLDPRAIDPYA
FGLVQLLCHWLAMSSACYNPFIYAWLHDSFREELRKMLS WPRKIVPHGQNM
TVSVVI (SEQ ID NO:6)

Figure 7

MLYSIVVVVGLVGNCLLVLVIARVRLHNVTNFLIGNLALSDVLMCAACVPL
TLAYAFEPRGWVFGGLCHLVFFLQPVTYVSVFTLTTIAVDRYVVLVHPLR
RRISLKSAYAVLGIALSAVLALPAAVHTYHVELKPHDVRLEEFWGSQER
QRQIYAWGLLLGTYLLPLLAILLSYVRVSVKLRNRVPGSQTQSQADWDRAR
RRRTFCLLVVVVVFALCWPLHIFNLLRDLDPRAIDPYA FGLVQLLCHWLAM
SSACYNPFIYAWLHDSFREELRKMLS WPRKIVPHGQNM TVSVVI (SEQ
ID NO:7)

Figure 8

MASSTTRGPRVSDLFSGLPPAVTTPANQSAEASAGNGSVAGADAPAVTPFQS
LQLVHQLKGLIVMLYSIVVVVGLVGNCLLVLVIARVRLHNVTNFLIGNLAL
SDVLMCTACVPLTLAYAFEPRGWVFGGLCHLVFFLQPVTYVSVFTLTTIA
VDRYVVLVHPLRRRISLRLSAYAVLAIWALSAVLALPAAVHTYHVELKPHDV
RLCEEFWGSQERQRQLYAWGLLLVTYLLPLLVILLSYVRVSVKLRNRVPGC
VTQSQADWDRARRRTFCLLVVVVVFAVCWPLHVFNLLRDLDPRAIDPYA
FGLVQLLCHWLAMSSACYNPFIYAWLHDSFREELRKLLVAWPRKIAPHGQNM
TVSVVI (SEQ ID NO:8)

Figure 9

MLYSIVVVVGLVGNCLLVLVIARVRLHNVTNFLIGNLALSDVLMCTACVPL
TLAYAFEPRGWVFGGLCHLVFFLQPVTYVSVFTLTTIAVDRYVVLVHPLR
RRISLRLSAYAVLAIWALSAVLALPAAVHTYHVELKPHDVRLEEFWGSQER
QRQLYAWGLLLVTYLLPLLVILLSYVRVSVKLRNRVPGCVTQSQADWDRAR
RRRTFCLLVVVVVFAVCWPLHVFNLLRDLDPRAIDPYA FGLVQLLCHWLAM
SSACYNPFIYAWLHDSFREELRKLLVAWPRKIAPHGQNM TVSVVI (SEQ
ID NO:9)

Figure 10

MASSTTRGPRVSDLFSGLPPAVTTPANQSAEASAGNGSVAGADAPAVTPFQS
LQLVHQLKGLIV (SEQ ID NO:10)

Figure 11

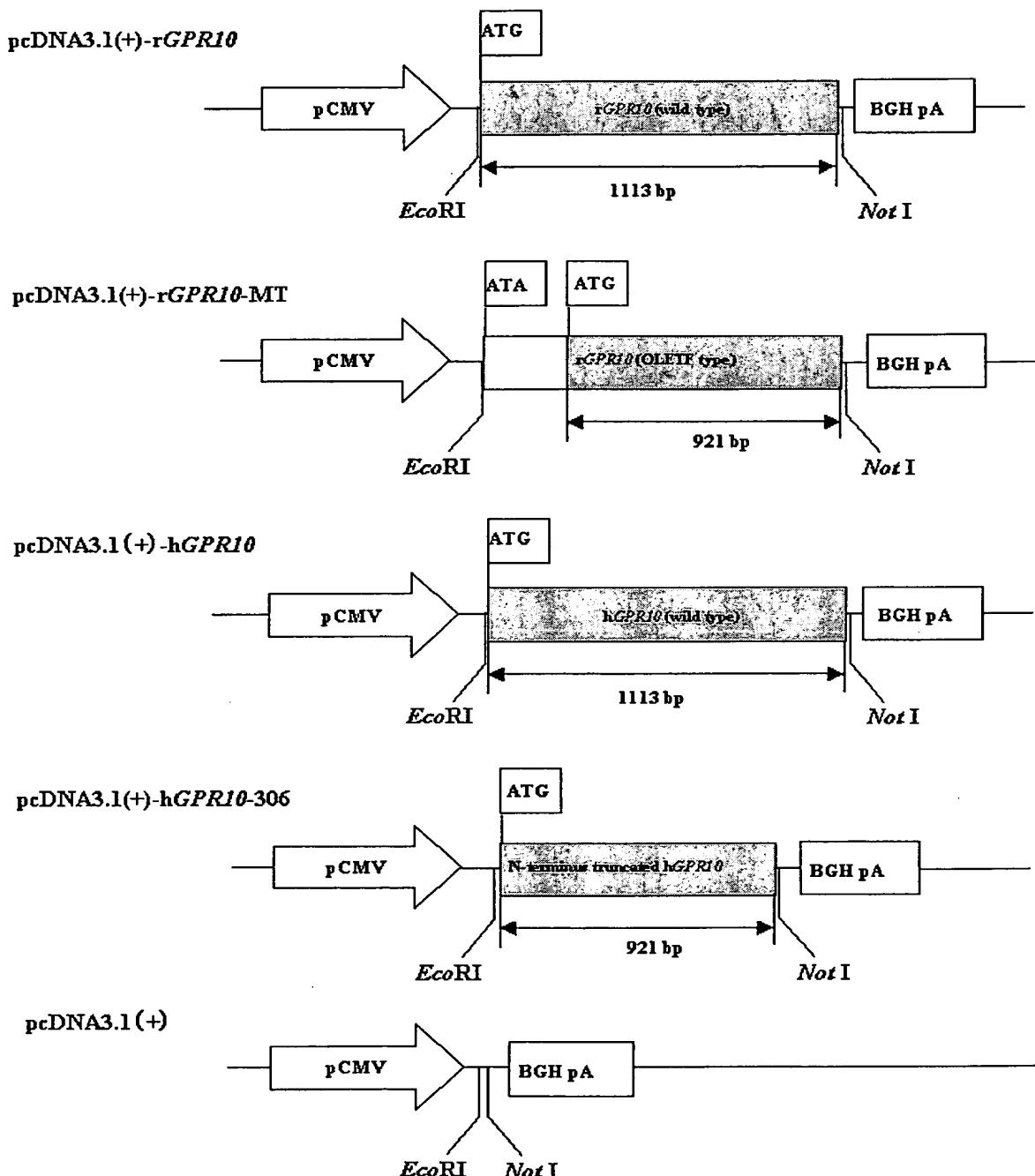


Figure 12

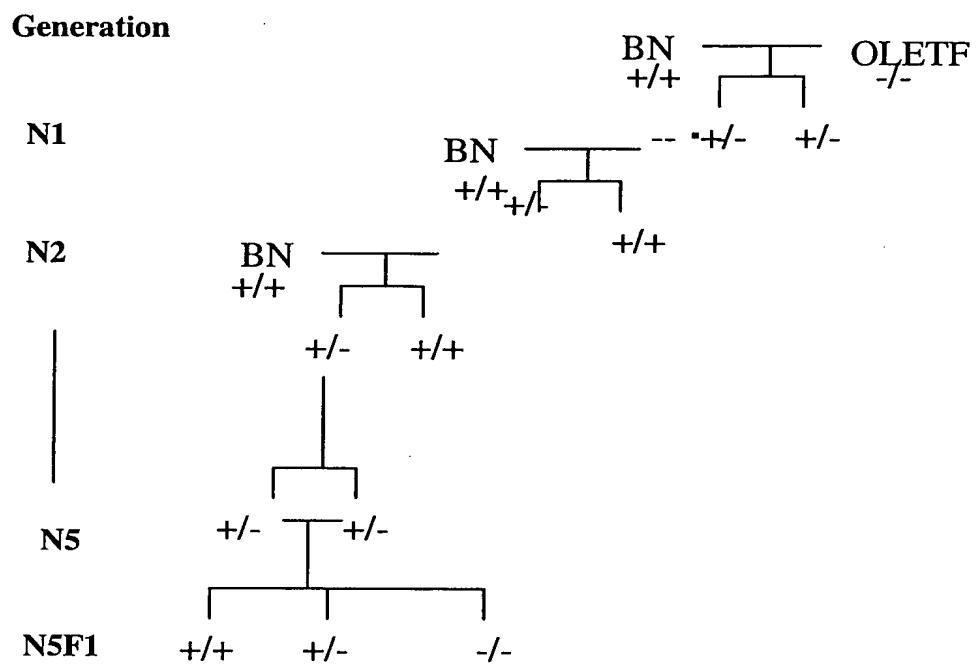


Figure 13

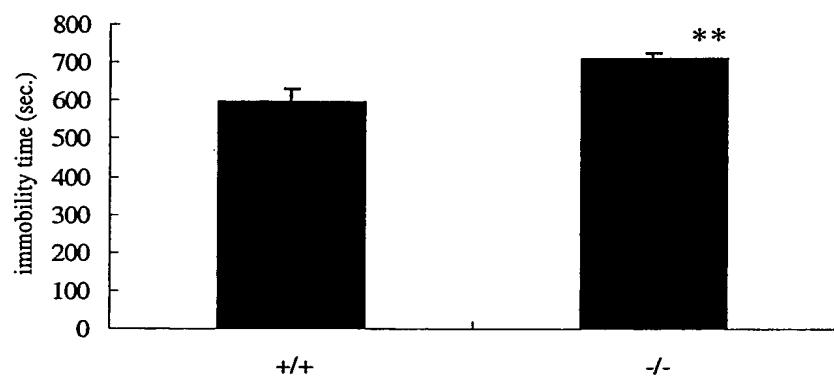


Figure 14

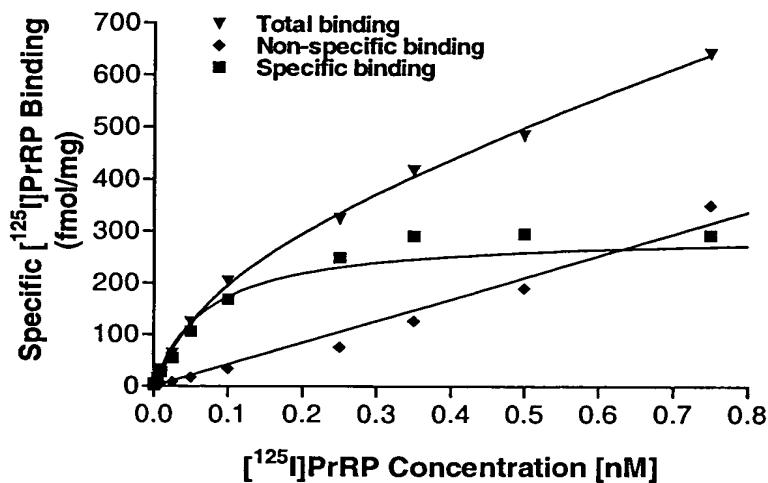


Figure 15

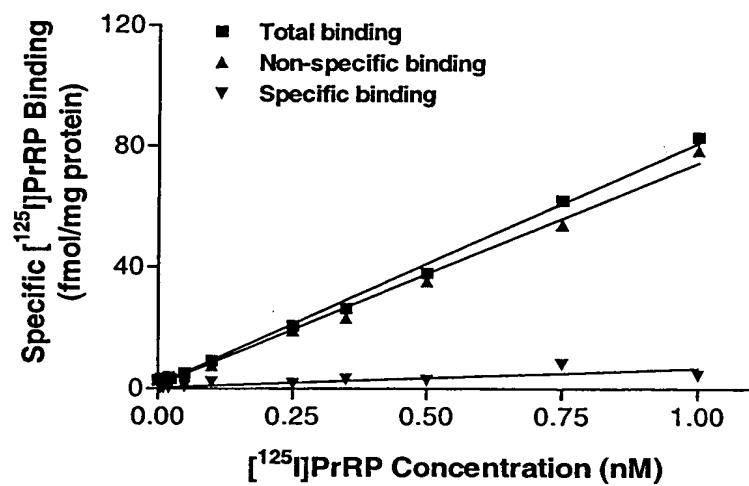


Figure 16

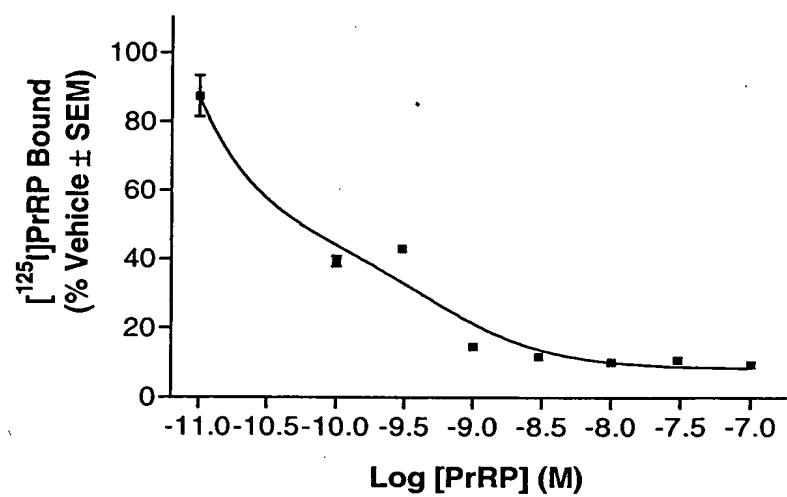


Figure 17

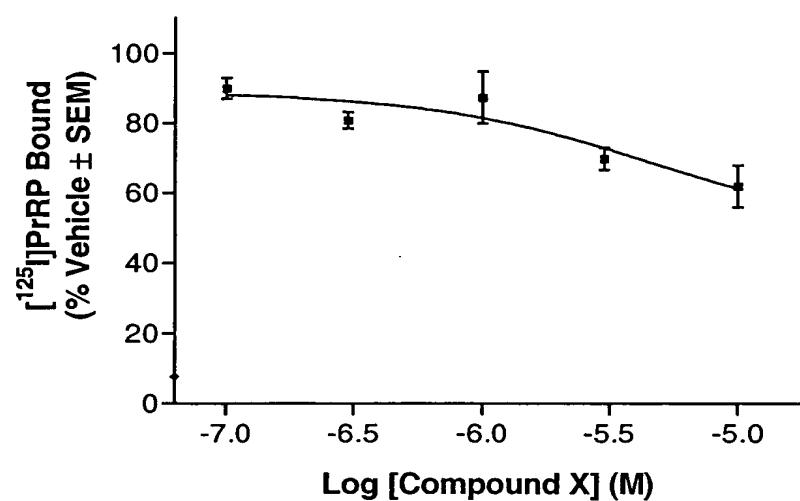


Figure 18

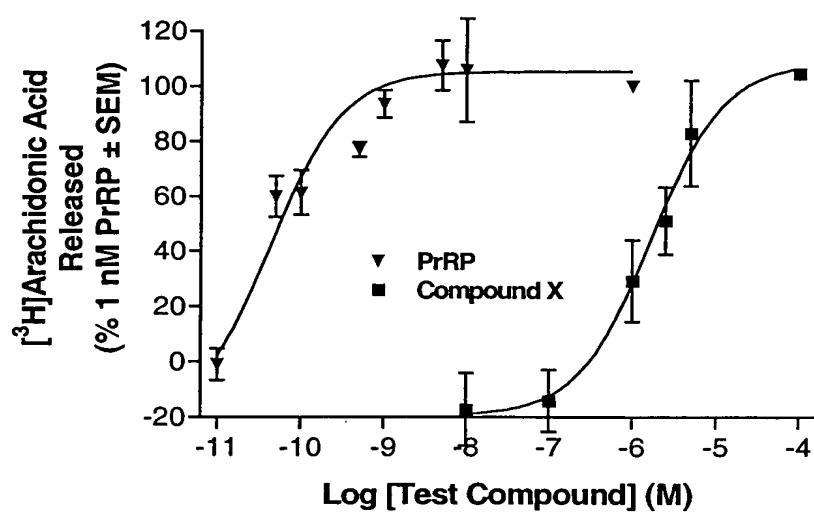


Figure 19

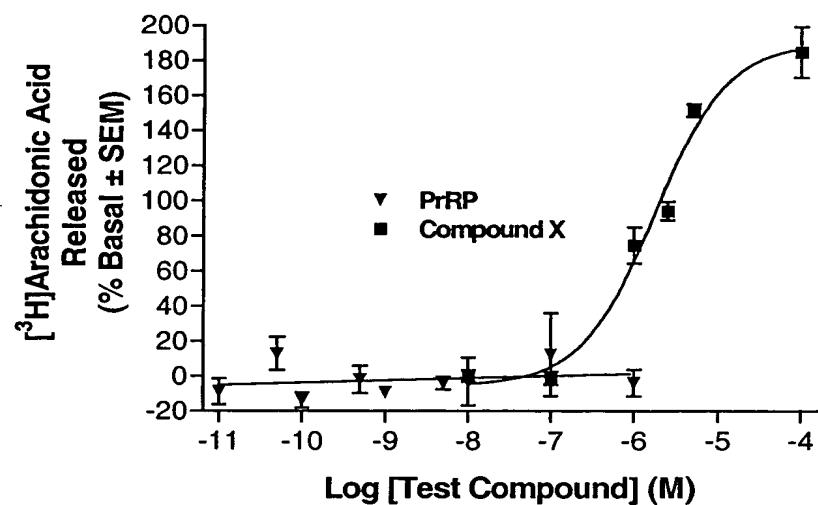


Figure 20

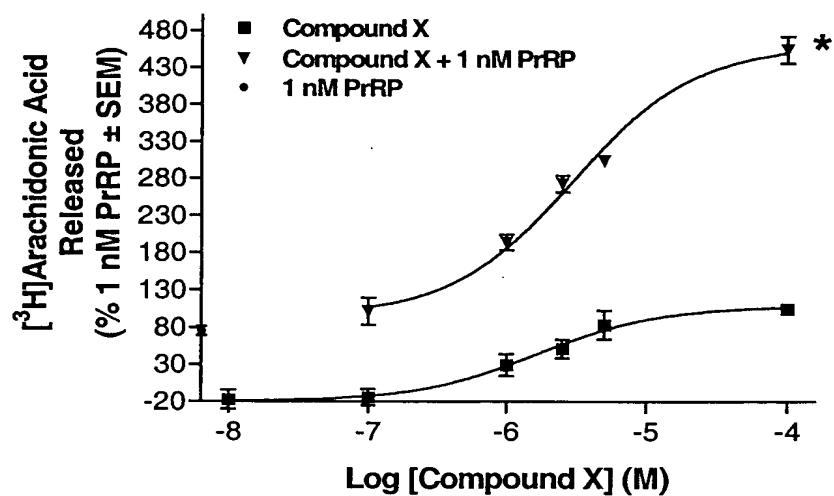


Figure 21

